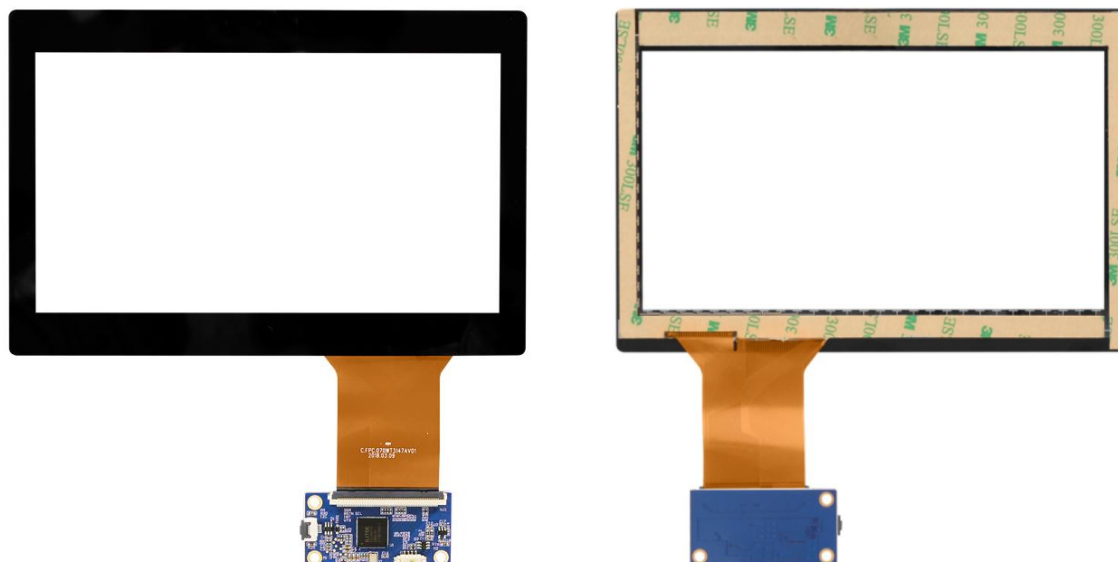


# TDD-PCT-S121

## 12.1" PCAP Touch Panels



### Overview

With a stylish, sleek no-bezel design (bezel available), **TDD** Projected Capacitive (PCAP) Touchscreens offer a range of screen sizes (small & medium and large format from 7" to 65") with user friendly multi-touch experience, fast and sensitive response and professional-grade reliability associated with kiosks, digital signage and control panels, operating with very light touch through highly durable glass surface. Our projected capacitive touch screen kits provide a high quality Glass on Glass sensor construction through the integration of touch panels, controllers, and drivers for commercial applications.

### Features

- Multi-touch (10 points) operation with high light transmission and image clarity
- Two glass PCAP solution (2GS) with high touch durability and long term stability
- Customizable for screen dimensions, cover glass thickness, bonding and surface treatments

### Specifications

#### Touch

Technology	PCAP(Projected Capacitive)
Number of Touches	10 points Multi Touch
Input Methods	Finger, Gloved hand, Passive stylus
Dimensions	12.1"
Light Transmittance	≥89%
Structure	Cover: 3mm, UV: 0.15mm, ITO + Sensor glass + ITO: 0.55mm (tolerance: ± 0.2mm)
Surface Treatment	Water, Dust & Vandal proof; <b>Optional:</b> Anti-glare, Anti-fingerprint, Anti-smudge, Anti-bacterial
Durability	Over 50 million touches in one location
Positional Accuracy	± 1.5mm
TFT   TP Interface	<b>FPC</b> / I2C   USB & COB all out PIN on TP controller
Report Rate	≥ 100Hz
Operating System	Windows / Android / Linux / Mac
Utilities	Multiple monitor, Various touch modes, Touch zones

#### Power

Supply / Consumption: USB input 5V +/- 5%; 120mA Max., 90Ma Idle, <1mA sleep

#### Mechanical

**Cover VA/OD: 248x186.5/299x238.5mm | Sensor AA/OD: 250.6x189/259.1x201.5mm**  
Weight(Unpacked/Packed): 1/1.4|6/5.6kg(1|6pcs) / Box Sizes: 400x120|160x340mm(1|6pcs)

#### Environmental

Operating / Storage Temperature: -20°C to 70°C, RH <90% (Non-Condensing)

#### Accessories

USB cable, TP controller

#### Others

MTBF / Warranty / Ready for Use: as above durability / 2-year / 24/7  
**Optical bonding for CTP and TFT is optional.**

\* **TDD** ([www.tddtouch.com](http://www.tddtouch.com), [sales@tddtouch.com](mailto:sales@tddtouch.com)) reserves the right to change specifications without prior notice.